

CV 2000 ½" open reel Videocorder decks



The CV 2000 was announced by Sony in Japan in October 1964. It was a 2-rotary head

Video Tape Recording—SONY's No



It's open



It's closed

It is easy to see that SONY's latest Videorecorder and Video Camera (W), when used together, truly open the door to an exciting new world and era of home entertainment!

W World of Home Entertainment

Blackwood's is available from your nearest news agent. 0844 3 333 333. www.blackwood.co.uk

Abstract

THE UNIVERSITY OF CHICAGO

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- [illegible]

[illegible]

The following report will outline all the features of the 1000-series for the very first time. So come.

- **How many times should you be asked to provide a sample?**



1. The first step is to identify the problem.

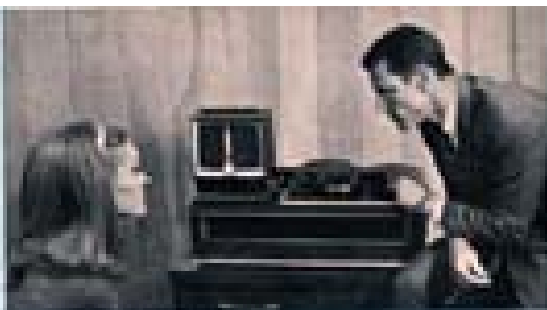
[illegible]

Abstract

4. *Quercus* comprises approximately 400 species, including oak, chestnut, and cork oak. All would appear to have a common ancestor and belong to the same genus.
5. *Quercus* is a monophyletic group.
6. *Quercus* is a paraphyletic group.
7. *Quercus* is a polyphyletic group.
8. *Quercus* is a paraphyletic group.

1000

Age	10-14 years
Gender	Male
Weight	150 lb
Height	5' 10"
Medical History	None
Current Medications	None
Family History	None
Physical Examination	Normal
Diagnosis	None
Prognosis	None
Management	None
Follow-up	None

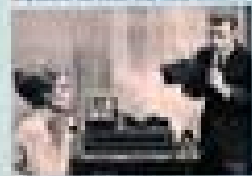


SONY's Home Videocorder

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[illegible]

Strongly acidic environments with low pH and low oxygen concentrations (e.g., acid mine water) could be natural habitats for *Thiobacillus*. In agreement, it is well known that these bacteria grow optimally under the following conditions: the water has a low pH of 1–3,



100

Students struggled to grasp the idea of using a graphing calculator to solve the problem. The teacher used a graphing calculator to solve the problem and showed the students how to use the graphing calculator to solve the problem. The teacher used a graphing calculator to solve the problem and showed the students how to use the graphing calculator to solve the problem.

[illegible]

Although there are arguments, the overall view is that the use of electronic journals will increase, perhaps to the point of being the dominant source of journal content. To ensure the quality of the content, it is important to have some form of peer review.

According to the SONY website, in 1964, a team led by Nobutoshi Kihara developed the CV-2000, which was marketed in 1965. Circuitry solid-state

ACCESSORIES AND AUXILIARY EQUIPMENT

VCK-2000 Camera Ensemble CVM-2300U 22-inch (measured diagonally)
receiver/monitor CVO-1 Dust Cover V-31 Video Tape

The CV 2000 was announced by Sony in Japan in October 1964. It was a 2-rotary head unit which used a half-inch tape, and was intended for the consumer market.

Sony Videocorder Net Price Schedule for 2000 Series 5/67

CV-2000D Videocorder with walnut base \$695.00

CV-2000 Videocorder (portable) \$730.00

TCV-2010 Videocorder with built in monitor/TV (portable) \$995.00

TCV-2020 Videocorder with built in monitor/TV in Walnut case, with timer \$1150.00

These Videocorder decks, when used with a Sony receiver/ monitor record both the video and audio portion of any off-the-air TV channel on half-inch video tape. With the Sony TV camera (or any similarly designed camera) these decks will record "live" action. They can play back the recorded material through a monitor or TV receiver in both sight and sound.

There are two Sony decks with the same electrical and mechanical capabilities throughout. Both provide the basis of a TV recording studio for business or educational application. They employ the ingenious Sony alternate-field scan and repeat-field playback system, making it possible to operate the tape at a slow 7 1/2 ips. An hour of program material can be recorded on a 7-inch reel. Cost is less than \$40, and the tape can be erased and used again and again.

Model CV-2000. The most portable video tape recorder ever designed, is housed in a sturdily-constructed carrying case with a durable leatherette finish. Weighing only 46 lbs., it can be carried easily from location to location.

Model CV-2000D. This economical deck is housed in a handsome walnut-finish case. Compact, it can be installed anywhere—even where space is limited.

These compact, lightweight decks make possible a wide range of applications. Using a Sony monitor and the VCK-2000 Sony Video Camera Ensemble (TV camera, tripod and microphone) "live" indoor and outdoor scenes—both sight and sound—can be recorded and played back instantly or stored for future use. This opens the way to a wide variety of applications in education, science and business for sales training, production training, surveillance, continuous monitoring of hazardous operations, dramatic and athletic instruction etc.

These decks are designed for use with the Sony receiver/monitors, the large-screen CVM-2300U or the port-able CVM-51UWP. Used with a branch cord, the Videocorder decks can be connected

to more than one monitor, an important feature for large group presentations. The Sony TV Adapter makes it possible to employ standard TV receivers for off-the-air recording or playback.

An important feature of these units is tape interchange-ability. Any tape recorded on one Sony Videocorder can be played back on any other Sony Videocorder. For example, a recording made at company headquarters can be distributed to any division or branch where a Videocorder is available. Similarly, educational institutions can exchange tapes with other schools.

ELECTRONIC

Circuitry solid-state

Recording signal 2:1 interlaced composite signal based on American TV standards, including industrial sync.

Signal recording method Double-sideband FM recording

Horiz. Resolution Greater than 200 lines

Video signal-to-noise ratio Greater than 40db.

Video output 1-4V (P-P), sync negative, 75 ohms

Video input 1-3V (P-P), sync negative, 75 ohms

Camera input For Sony CVC-2000*

Microphone input-Low impedance, - 60db unbal., 600 ohms

Audio frequency range 80 to 10,000 Hz

Audio signal-to-noise Greater than 40db

Audio aux. Input High impedance, - 20db balanced

Audio output to line

"For use with TV cameras other than Sony CVC-2000 refer to Bulletin P.E.T.I.-2

GENERAL

Recording system Rotary two heads helical scanning

Servo system Electro-magnetic

Recording time 60 min. continuous (with V-32 tape, 2,370 ft.) 30 min. continuous (with V-31 tape, 1240 ft.)

Rewind/fast forward time Within 7 minutes

Motor 1 single-phase hysteresis synchronous

Audio-control head Stationary, two heads

Erase head Full track (EP-51-21)

Tape speed 7.5 ips

Tape 1/2", Sony "V" series or equiv.

Meter Audio level, video level, AC line voltage

Operating position horizontal

Operating temperature 0-40 degrees C (32-104 degrees F)

Power req. & Consumption 117 VAC, 60 Hz + 0.4, 80 watts

PHYSICAL

Dimensions 18 1/8 x 11 7/8 x 15 3/4" (CV-2000)

19 3/4 x 9 7/8 x 15 1/4" (CV-2000D)

Weight 46 lbs. (CV-2000); 42V2lbs. (CV-2000D)

Case Leatherette covered plywood (CV-2000); walnut finish (CV-2000D)

ACCESSORIES SUPPLIED

V-30, Sample Tape; RH-7V empty reel; Head cleaner set; Sony OL-1K lubricating oil; Splicing tape; 8-pin connector; 2-pin connector.

ACCESSORIES AND AUXILIARY EQUIPMENT

VCK-2000 Camera Ensemble To record "live" action (TV camera, microphone tripod, extension cables)

CVM-2300U 22-inch (measured diagonally) receiver/monitor To be used for viewing by large groups

CVM-51UWP 8-inch (measured diagonally) receiver/monitor To be used as TV receiver screen

CVO-1 Dust Cover Clear, provides access to controls when Videocorder is operating

CVO-2 Dust Cover Tinted, permits operation of Videocorder, but not controls

V-31 Video Tape 7-inch reel, 1/2 hr., 1,240 ft.

V-32 Video Tape 7-inch reel, 1 hr., 2,370 ft

RH-7V Tape Reel 7-inch reel

VMC-Branch Cords (VMC-1, VMC-1B, VMC-1D, etc.) **To feed additional monitors

"Refer to Technical Bulletin P.E.T.I.-3